

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082823\
 Data File : BM041557.D
 Acq On : 29 Aug 2023 13:23
 Operator : MA/JU
 Sample : PB155099BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 SLCS099

Quant Time: Aug 29 23:48:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM082823.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 28 15:20:06 2023
 Response via : Initial Calibration

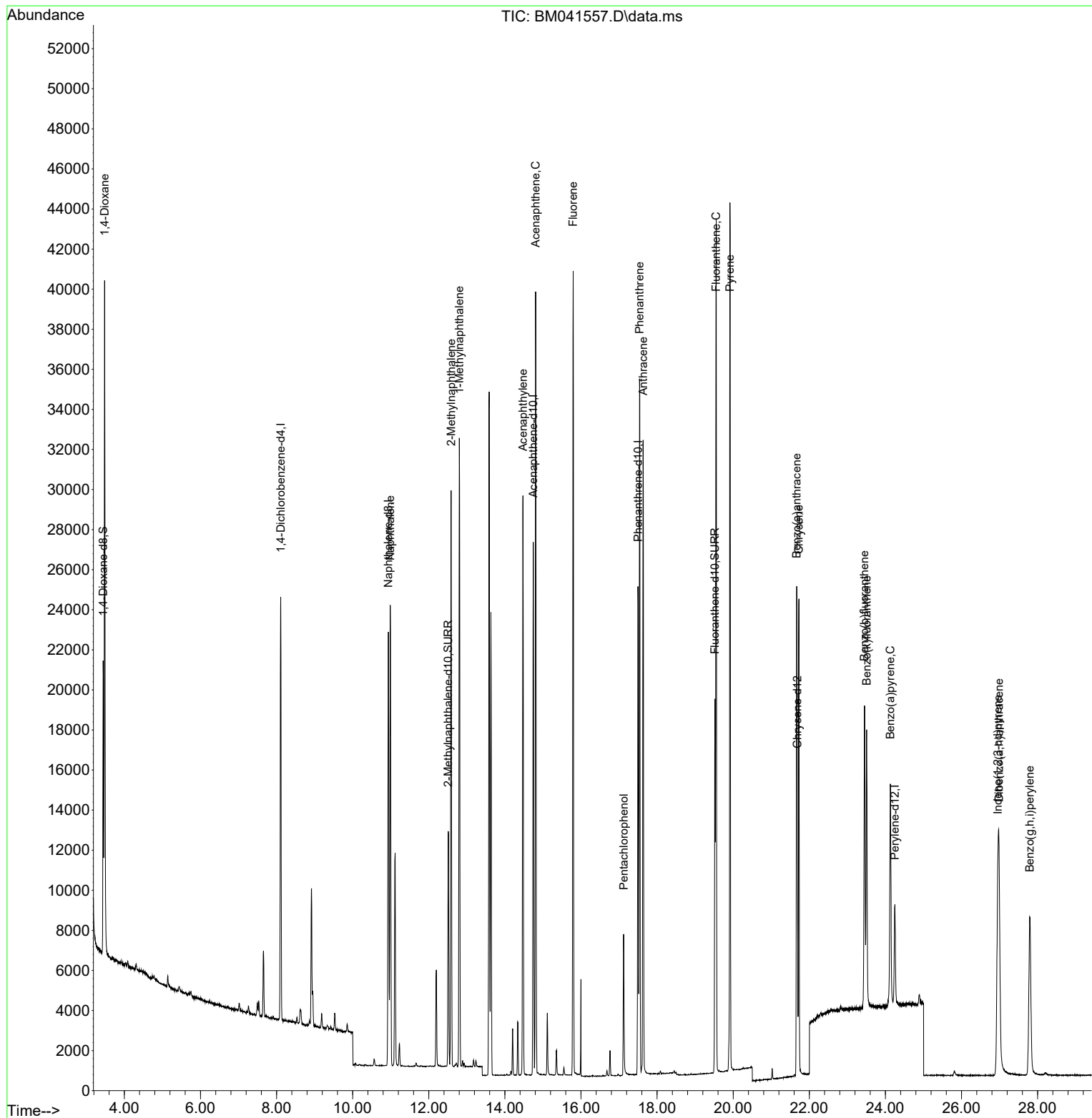
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	10367	0.400	ng/ul	0.00
4) Naphthalene-d8	10.939	136	27928	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.745	164	13229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	24698	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.685	240	7250	0.400	ng/ul	# 0.00
23) Perylene-d12	24.249	264	7346	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.444	96	8890	0.690	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	14361	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.520	212	15716	0.530	ng/ul	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.482	88	21856	1.636	ng/ul#	87
5) Naphthalene	10.988	128	31128	0.348	ng/ul	99
7) 2-Methylnaphthalene	12.588	142	19310	0.356	ng/ul	99
8) 1-Methylnaphthalene	12.803	142	20581	0.376	ng/ul	100
10) Acenaphthylene	14.476	152	31664	0.363	ng/ul	99
11) Acenaphthene	14.810	153	21809	0.356	ng/ul	99
12) Fluorene	15.795	166	24039	0.363	ng/ul	99
14) Pentachlorophenol	17.122	266	4759	0.469	ng/ul	99
15) Phenanthrene	17.540	178	36259	0.358	ng/ul	99
16) Anthracene	17.633	178	32588	0.350	ng/ul	100
19) Fluoranthene	19.552	202	34909	0.520	ng/ul	100
20) Pyrene	19.915	202	34103	0.502	ng/ul	95
21) Benzo(a)anthracene	21.667	228	20529	0.397	ng/ul	99
22) Chrysene	21.726	228	21155	0.413	ng/ul	99
24) Benzo(b)fluoranthene	23.450	252	20723	0.444	ng/ul	97
25) Benzo(k)fluoranthene	23.506	252	19632	0.430	ng/ul	99
26) Benzo(a)pyrene	24.129	252	18018	0.427	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.954	276	23024	0.406	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.985	278	15738	0.386	ng/ul	99
29) Benzo(g,h,i)perylene	27.793	276	18968	0.399	ng/ul	98

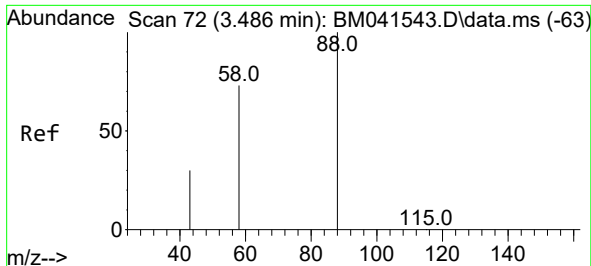
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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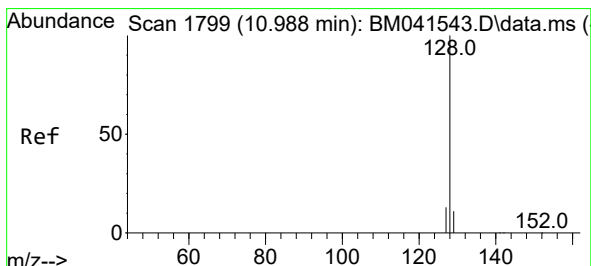
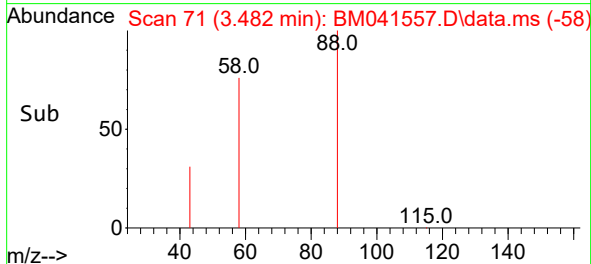
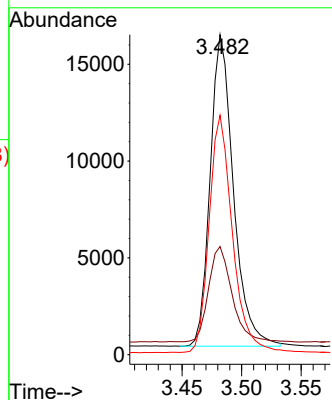
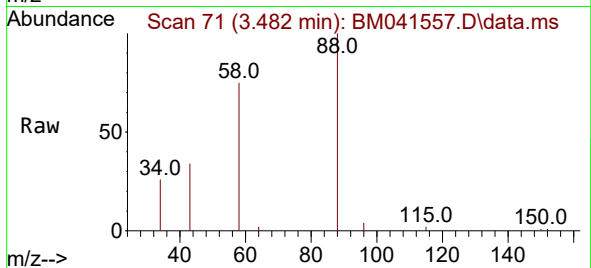




#2
1,4-Dioxane
Concen: 1.636 ng/ul
RT: 3.482 min Scan# 71
Delta R.T. -0.004 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

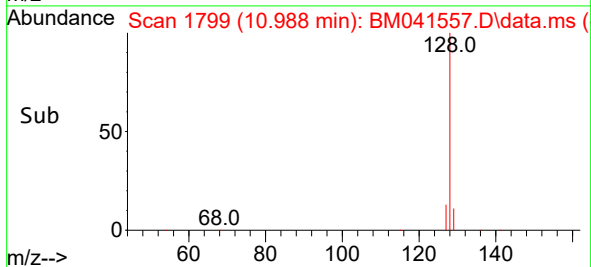
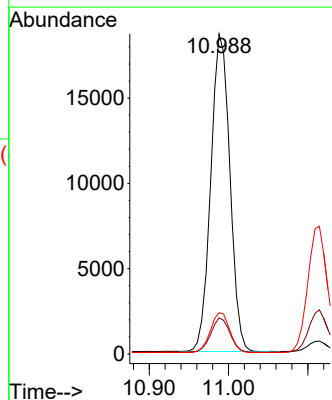
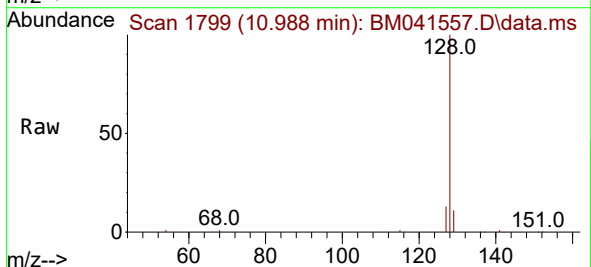
Instrument :
BNA_M
ClientSampleId :
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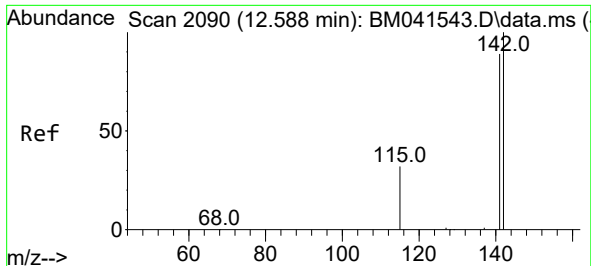
Tgt Ion: 88 Resp: 21856
Ion Ratio Lower Upper
88 100
43 33.8 30.6 46.0
58 74.8 49.3 73.9#



#5
Naphthalene
Concen: 0.348 ng/ul
RT: 10.988 min Scan# 1799
Delta R.T. -0.005 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Tgt Ion:128 Resp: 31128
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.6 15.8

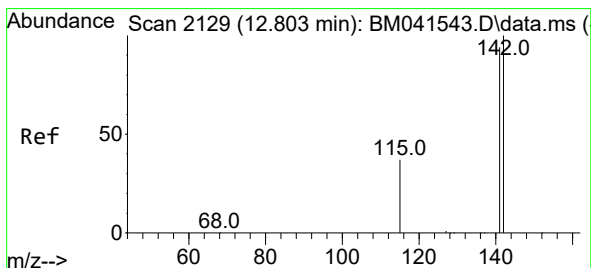
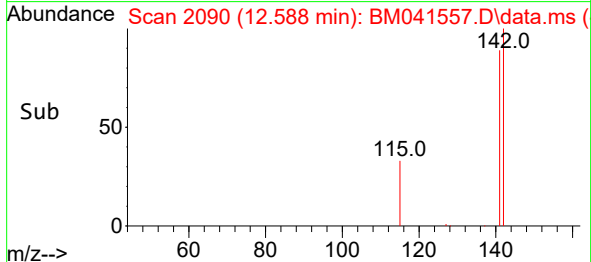
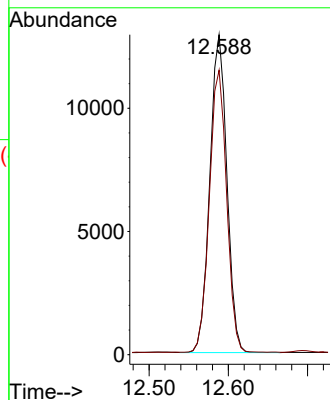
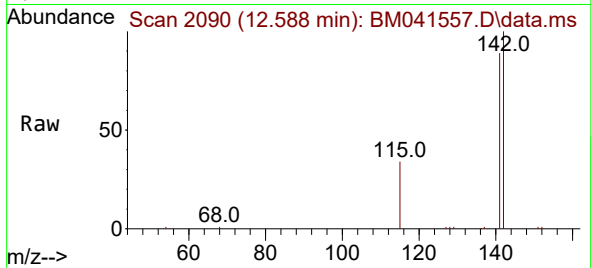




#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.588 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

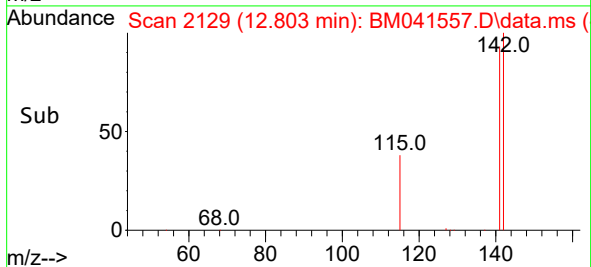
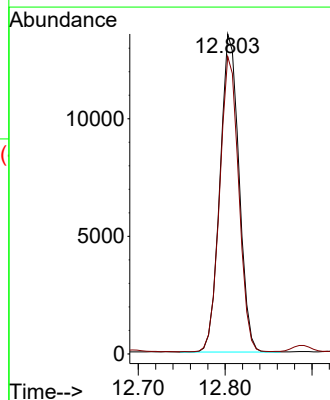
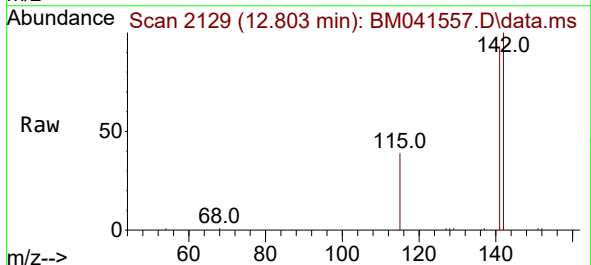
Instrument :
BNA_M
ClientSampleId :
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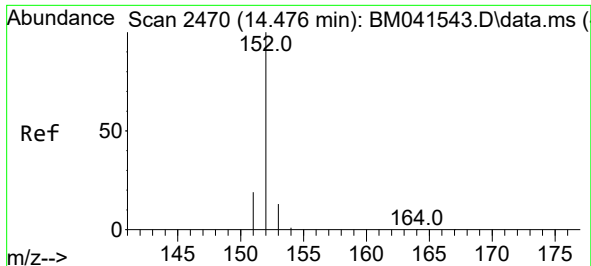
Tgt Ion:142 Resp: 19310
Ion Ratio Lower Upper
142 100
141 89.6 71.0 106.6



#8
1-Methylnaphthalene
Concen: 0.376 ng/ul
RT: 12.803 min Scan# 2129
Delta R.T. -0.005 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Tgt Ion:142 Resp: 20581
Ion Ratio Lower Upper
142 100
141 92.7 73.9 110.9

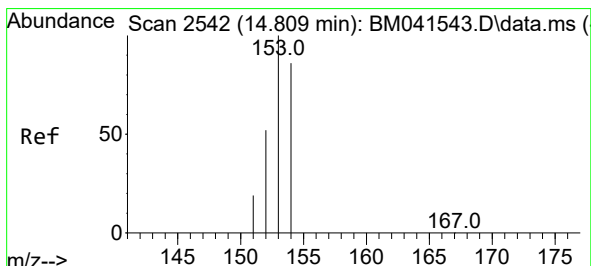
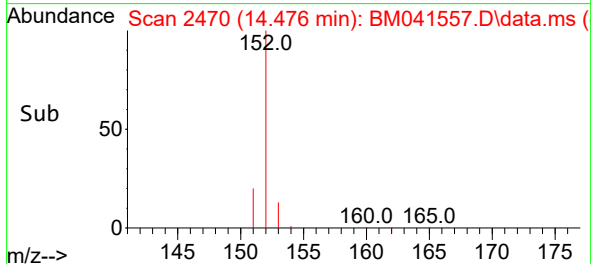
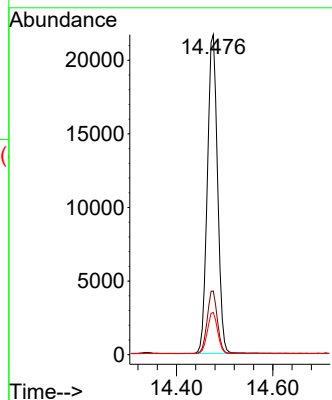
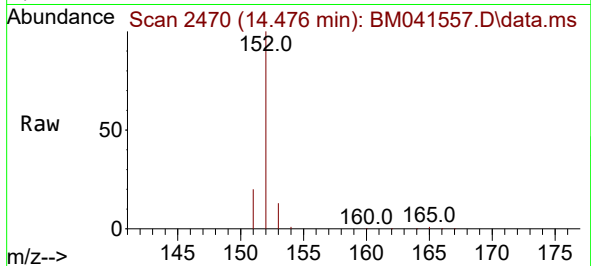




#10
Acenaphthylene
Concen: 0.363 ng/ul
RT: 14.476 min Scan# 2470
Delta R.T. -0.005 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

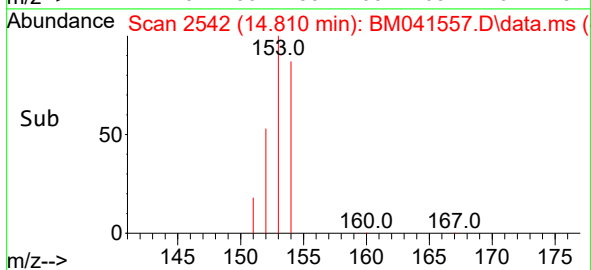
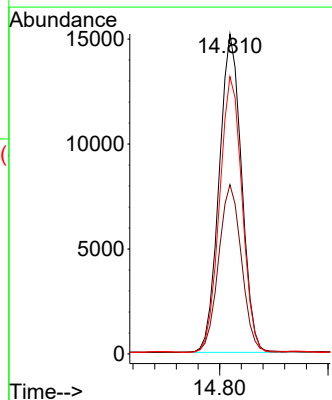
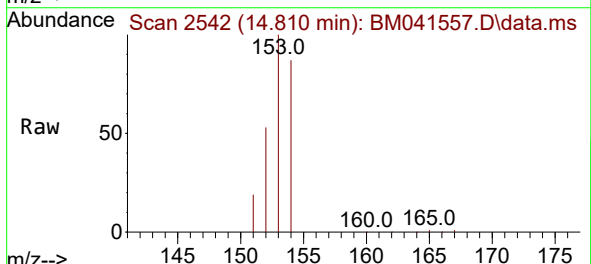
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ClientSampleId :
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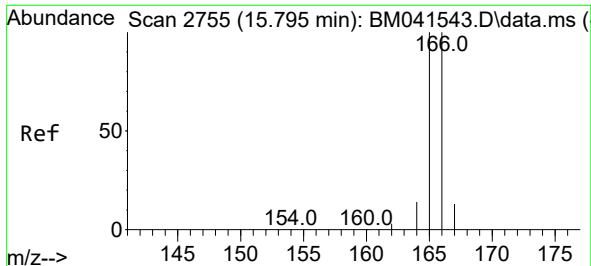
Tgt Ion:152 Resp: 31664
Ion Ratio Lower Upper
152 100
151 19.9 15.7 23.5
153 13.2 10.5 15.7



#11
Acenaphthene
Concen: 0.356 ng/ul
RT: 14.810 min Scan# 2542
Delta R.T. -0.005 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Tgt Ion:153 Resp: 21809
Ion Ratio Lower Upper
153 100
152 52.9 41.1 61.7
154 86.7 69.4 104.0

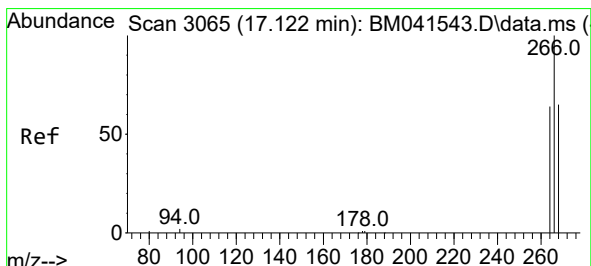
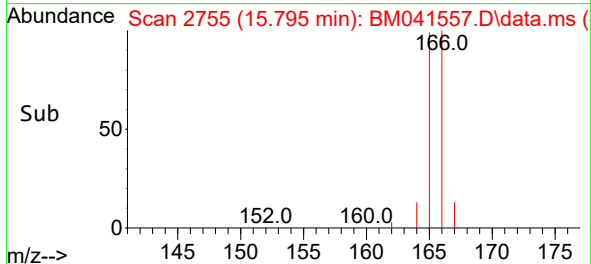
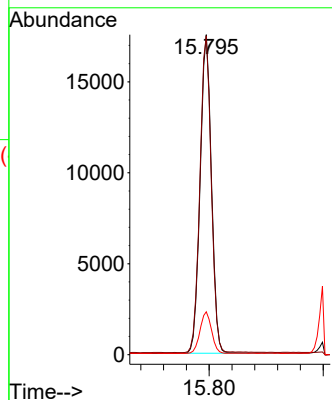
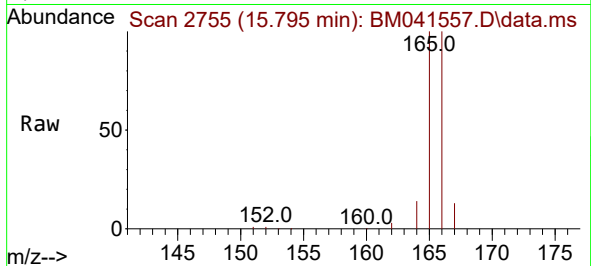




#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.795 min Scan# 21
Delta R.T. -0.005 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

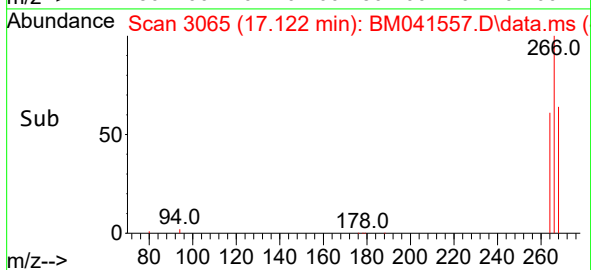
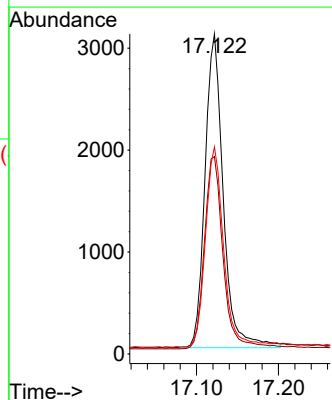
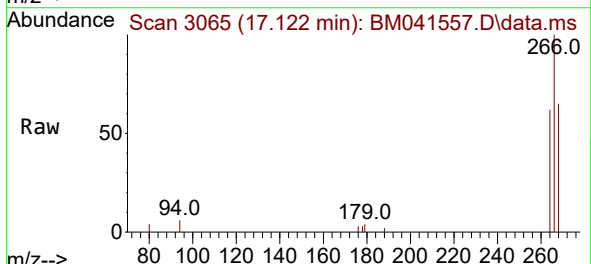
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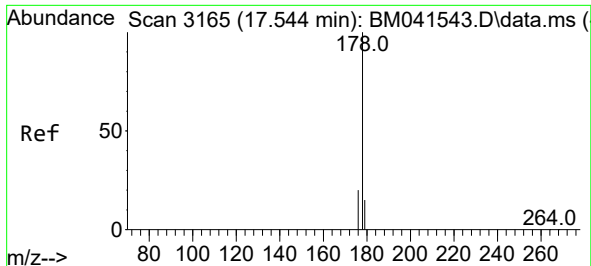
Tgt Ion:166 Resp: 24039
Ion Ratio Lower Upper
166 100
165 99.6 79.2 118.8
167 13.4 10.8 16.2



#14
Pentachlorophenol
Concen: 0.469 ng/ul
RT: 17.122 min Scan# 3065
Delta R.T. -0.004 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Tgt Ion:266 Resp: 4759
Ion Ratio Lower Upper
266 100
264 63.2 50.0 75.0
268 64.3 51.4 77.0

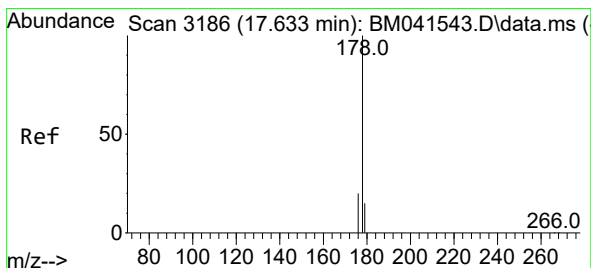
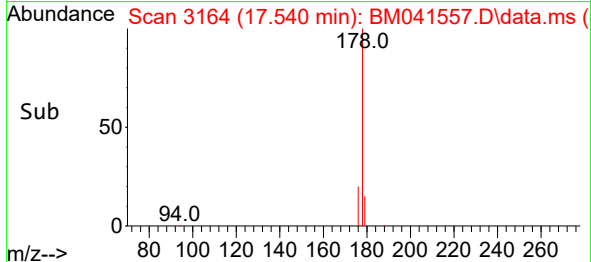
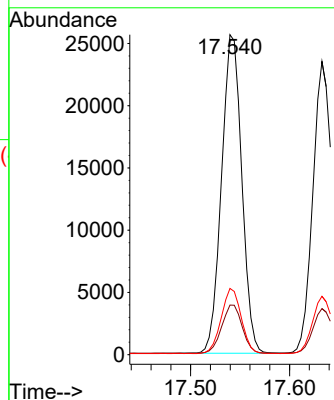
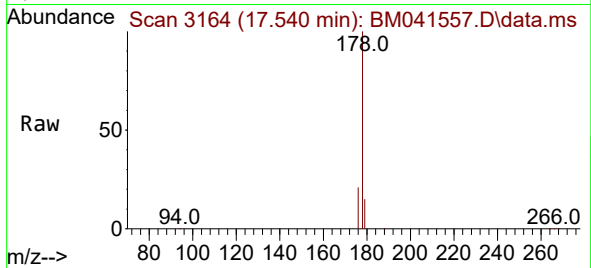




#15
Phenanthrene
Concen: 0.358 ng/ul
RT: 17.540 min Scan# 3165
Delta R.T. -0.004 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

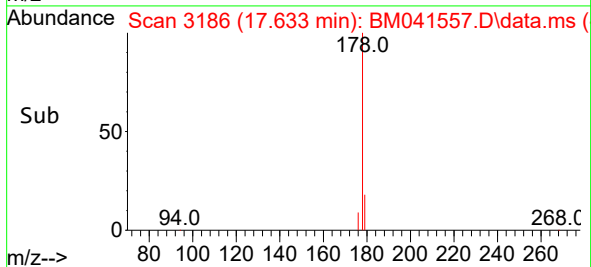
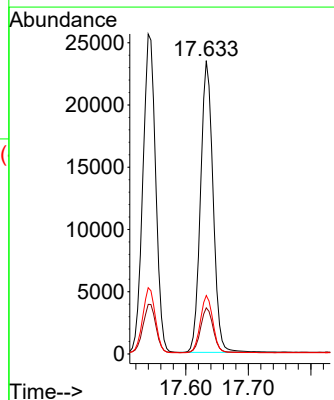
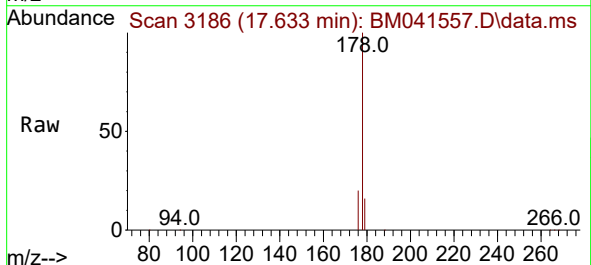
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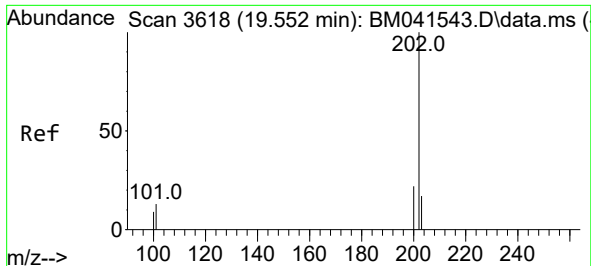
Tgt Ion:178 Resp: 36259
Ion Ratio Lower Upper
178 100
179 15.5 12.6 18.8
176 20.7 16.3 24.5



#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.633 min Scan# 3186
Delta R.T. -0.004 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Tgt Ion:178 Resp: 32588
Ion Ratio Lower Upper
178 100
179 15.7 12.6 19.0
176 19.9 15.9 23.9

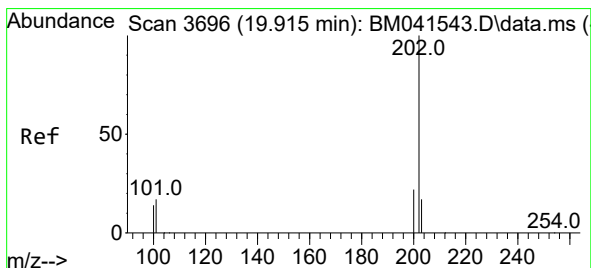
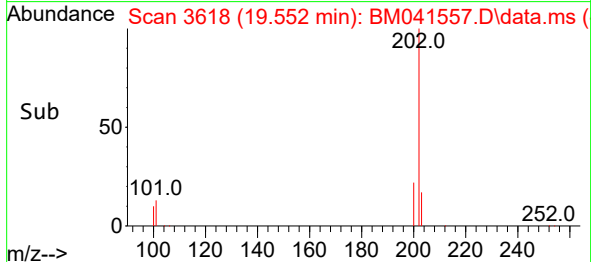
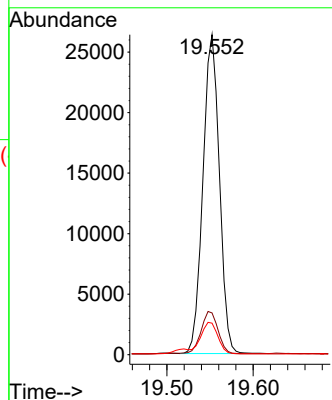
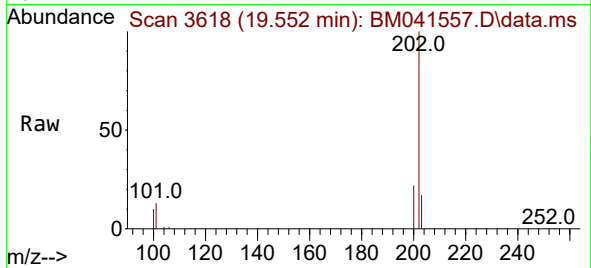




#19
Fluoranthene
Concen: 0.520 ng/ul
RT: 19.552 min Scan# 3618
Delta R.T. -0.005 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

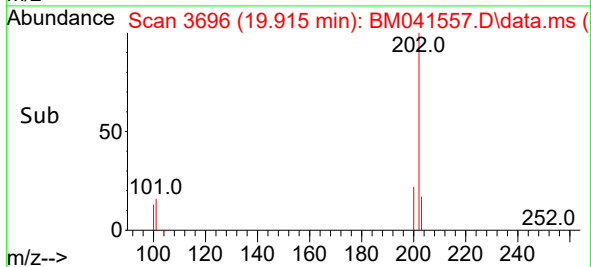
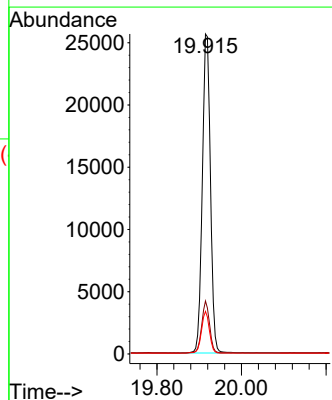
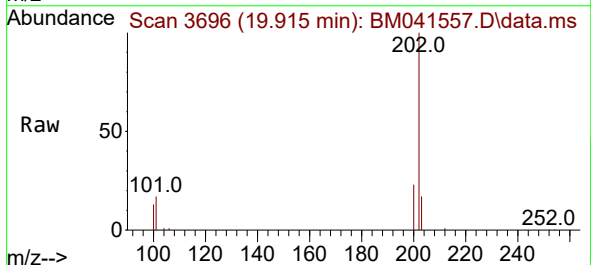
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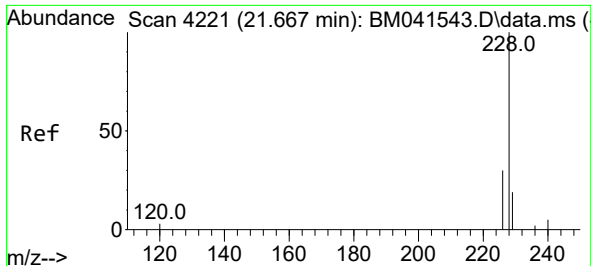
Tgt Ion:202 Resp: 34909
Ion Ratio Lower Upper
202 100
101 13.0 10.5 15.7
100 9.9 7.8 11.6



#20
Pyrene
Concen: 0.502 ng/ul
RT: 19.915 min Scan# 3696
Delta R.T. -0.009 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

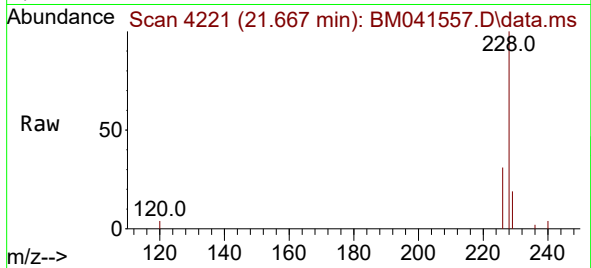
Tgt Ion:202 Resp: 34103
Ion Ratio Lower Upper
202 100
101 16.6 11.6 17.4
100 13.3 9.1 13.7



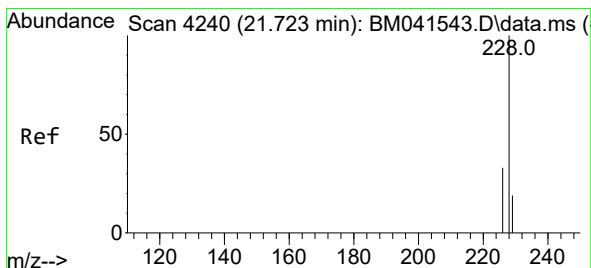
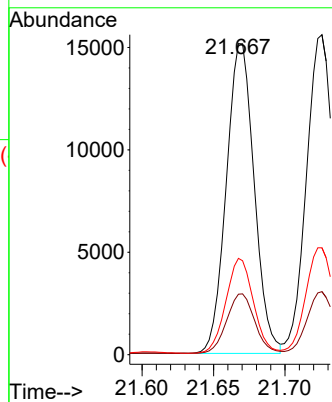
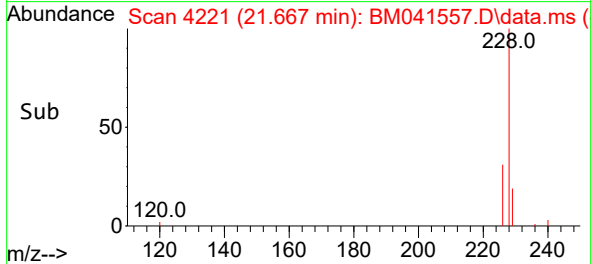


#21
Benzo(a)anthracene
Concen: 0.397 ng/ul
RT: 21.667 min Scan# 41
Delta R.T. -0.009 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Instrument :
BNA_M
ClientSampleId :
SLCS099

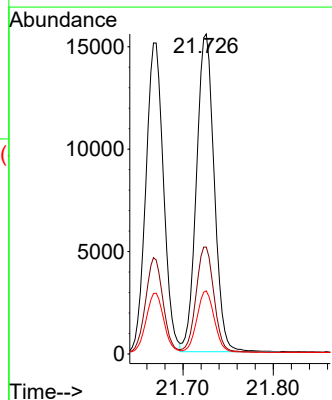
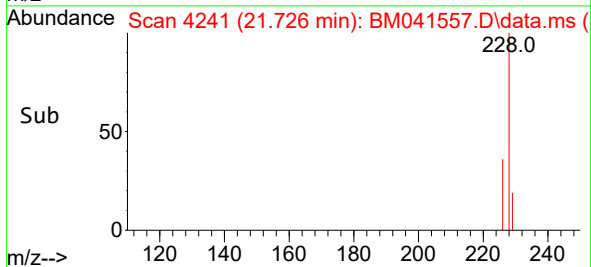
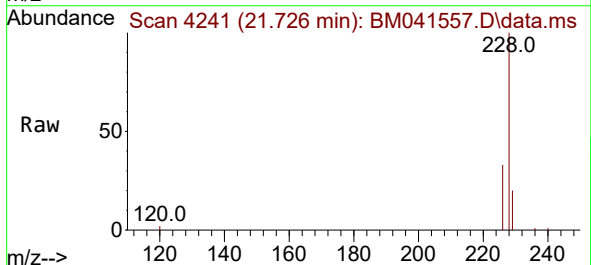


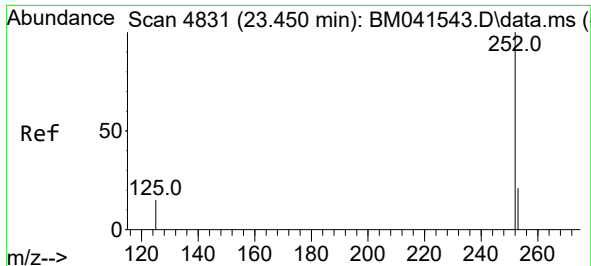
Tgt Ion:228 Resp: 20529
Ion Ratio Lower Upper
228 100
229 19.4 15.8 23.6
226 30.9 24.0 36.0



#22
Chrysene
Concen: 0.413 ng/ul
RT: 21.726 min Scan# 4241
Delta R.T. -0.006 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Tgt Ion:228 Resp: 21155
Ion Ratio Lower Upper
228 100
226 33.4 26.3 39.5
229 19.7 15.4 23.2

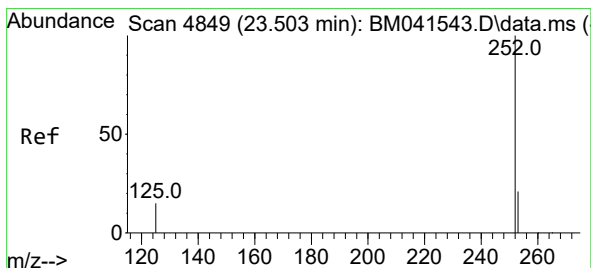
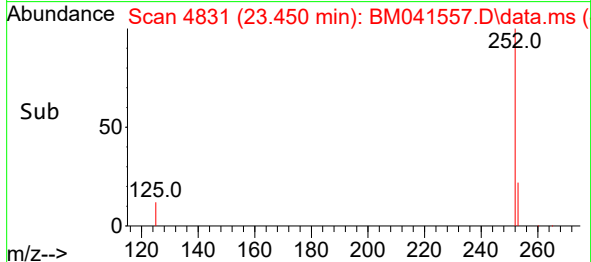
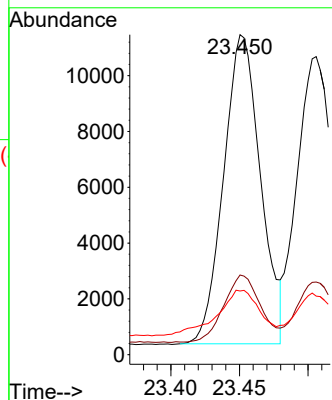
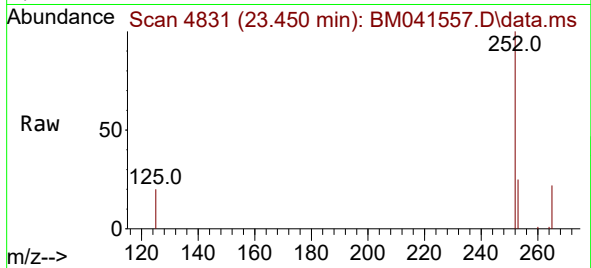




#24
Benzo(b)fluoranthene
Concen: 0.444 ng/ul
RT: 23.450 min Scan# 4831
Delta R.T. -0.012 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

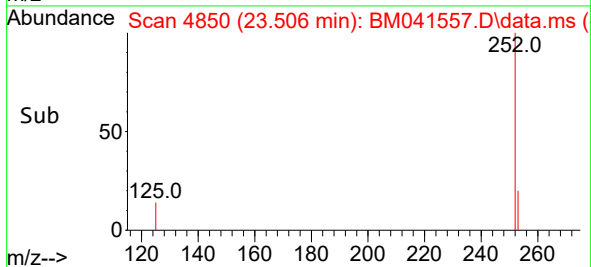
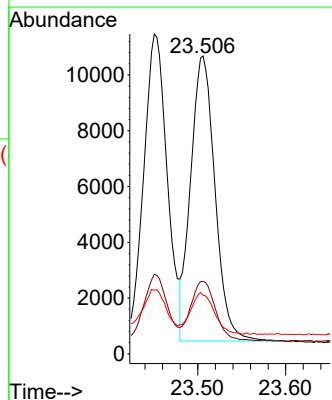
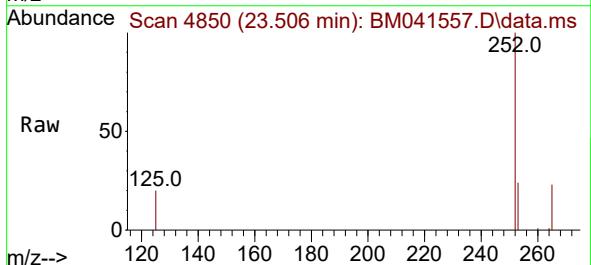
Instrument :
BNA_M
ClientSampleId :
SLCS099

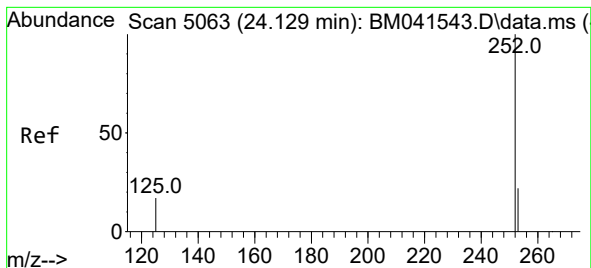
Tgt Ion:252 Resp: 20723
Ion Ratio Lower Upper
252 100
253 24.9 0.0 47.0
125 19.9 0.0 37.2



#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.506 min Scan# 4850
Delta R.T. -0.012 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Tgt Ion:252 Resp: 19632
Ion Ratio Lower Upper
252 100
253 24.4 19.3 28.9
125 19.7 15.0 22.4





#26

Benzo(a)pyrene

Concen: 0.427 ng/ul

RT: 24.129 min Scan# 5063

Delta R.T. -0.015 min

Lab File: BM041557.D

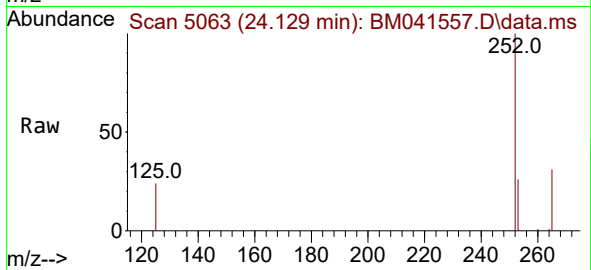
Acq: 29 Aug 2023 13:23

Instrument :

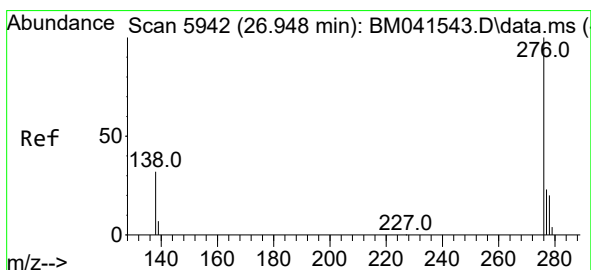
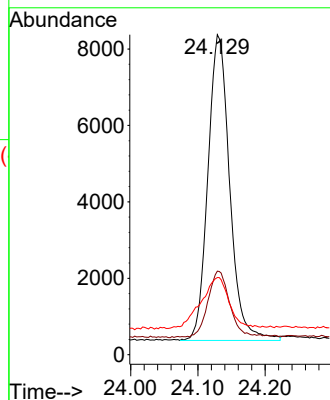
BNA_M

ClientSampleId :

SLCS099



Tgt Ion:	252	Resp:	18018
Ion	Ratio	Lower	Upper
252	100		
253	26.1	20.0	30.0
125	24.1	17.1	25.7



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.406 ng/ul

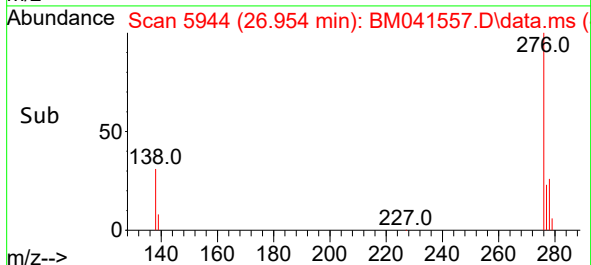
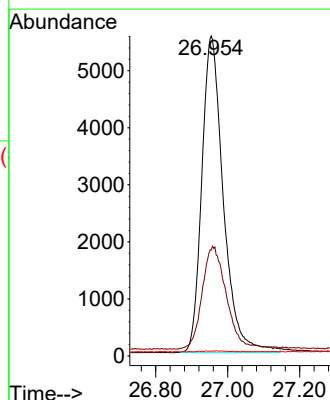
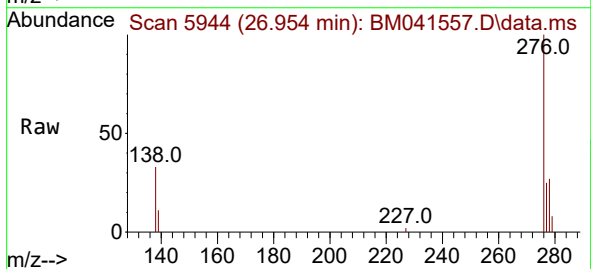
RT: 26.954 min Scan# 5944

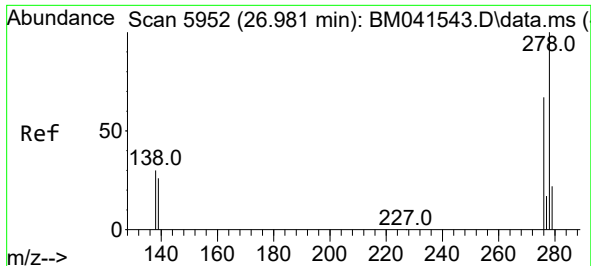
Delta R.T. -0.017 min

Lab File: BM041557.D

Acq: 29 Aug 2023 13:23

Tgt Ion:	276	Resp:	23024
Ion	Ratio	Lower	Upper
276	100		
138	36.7	27.3	40.9
227	0.2	0.0	0.0

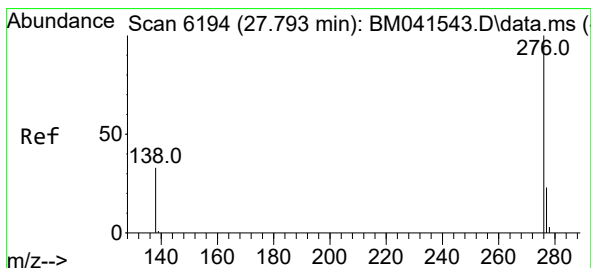
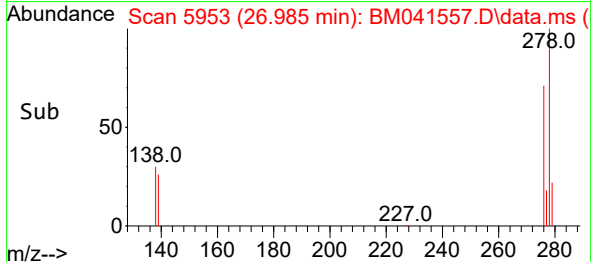
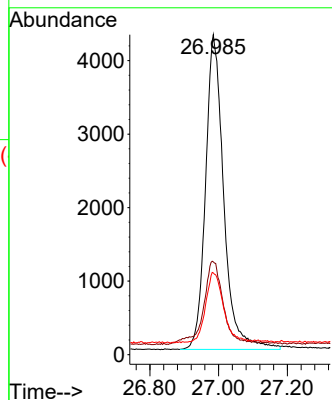
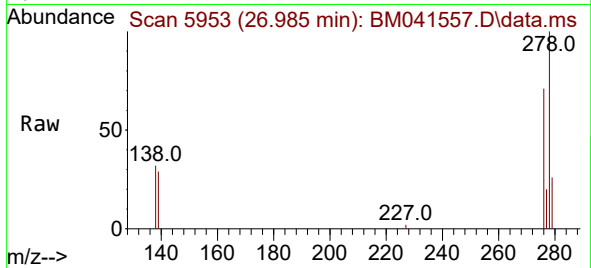




#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.985 min Scan# 5952
Delta R.T. -0.023 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Instrument :
BNA_M
ClientSampleId :
SLCS099

Tgt Ion:278 Resp: 15738
Ion Ratio Lower Upper
278 100
139 29.0 22.2 33.2
279 25.6 20.4 30.6



#29
Benzo(g,h,i)perylene
Concen: 0.399 ng/ul
RT: 27.793 min Scan# 6194
Delta R.T. -0.023 min
Lab File: BM041557.D
Acq: 29 Aug 2023 13:23

Tgt Ion:276 Resp: 18968
Ion Ratio Lower Upper
276 100
138 32.0 25.9 38.9
277 25.5 19.1 28.7

